

04/05/01

04-06-01

Docket No.  
89-01**PATENT APPLICATION TRANSMITTAL LETTER**  
(Large Entity)TO THE ASSISTANT COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

Michio Horiuchi, et al.

For: **WIRING SUBSTRATE, METHOD OF MANUFACTURING THE SAME AND SEMICONDUCTOR  
DEVICE**

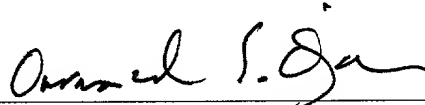
Enclosed are:

- ☒ Certificate of Mailing with Express Mail Mailing Label No. EL018405375US  
☒ 7 sheets of drawings.  
☒ A certified copy of a **Japanese Priority** application.  
☒ Declaration ☒ Signed. ☐ Unsigned.  
☒ Power of Attorney  
☒ Information Disclosure Statement  
☒ Preliminary Amendment  
☒ Other: **US Assignment**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	23	- 20 =	3	x \$18.00	\$54.00
<b>Indep. Claims</b>	5	- 3 =	2	x \$80.00	\$160.00
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					\$0.00
<b>BASIC FEE</b>					\$710.00
<b>TOTAL FILING FEE</b>					\$924.00

- ☒ A check in the amount of **\$924.00** to cover the filing fee is enclosed.  
☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **16-0750**  
as described below. A duplicate copy of this sheet is enclosed.  
☐ Charge the amount of \_\_\_\_\_ as filing fee.  
☒ Credit any overpayment.  
☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  
☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,  
pursuant to 37 C.F.R. 1.311(b).

Dated: **April 5, 2001**  
Signature

**Ourmazd S. Ojan**  
Reg. No. 38, 065  
Paul & Paul  
2900 Two Thousand Market Street  
Philadelphia, PA 19103  
(215) 568-4900

cc:

**PATENT APPLICATION TRANSMITTAL LETTER**  
(Large Entity)

Docket No.  
89-01

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

**Michio Horiuchi, et al.**

For: **WIRING SUBSTRATE, METHOD OF MANUFACTURING THE SAME AND SEMICONDUCTOR  
DEVICE**

Enclosed are:

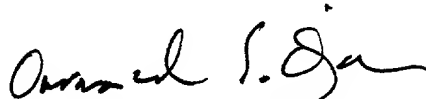
- ☒ Certificate of Mailing with Express Mail Mailing Label No. EL018405375US
- ☒ 7 sheets of drawings.
- ☒ A certified copy of a Japanese Priority application.
- ☒ Declaration ☒ Signed. ☐ Unsigned.
- ☒ Power of Attorney
- ☒ Information Disclosure Statement
- ☒ Preliminary Amendment
- ☒ Other: US Assignment ✓

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	23	- 20 =	3	x \$18.00	\$54.00
Indep. Claims	5	- 3 =	2	x \$80.00	\$160.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$710.00
TOTAL FILING FEE					\$924.00

- ☒ A check in the amount of \$924.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 16-0750 as described below. A duplicate copy of this sheet is enclosed.
  - ☐ Charge the amount of as filing fee.
  - ☒ Credit any overpayment.
  - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: April 5, 2001

  
Signature

**Ourmazd S. Ojan**  
Reg. No. 38, 065  
Paul & Paul  
2900 Two Thousand Market Street  
Philadelphia, PA 19103  
(215) 568-4900

CC:

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: Michio Horiuchi et al.

Serial No.: Not yet assigned

Filed: Herewith

Title: **WIRING SUBSTRATE,  
METHOD OF MANUFACTURING  
SAME, AND SEMICONDUCTOR  
DEVICE**

Examiner: Not yet assigned

Art Unit: Not yet assigned

Atty. Docket  
No.: 089-01

**Certificate of Mailing**

Mailing Label No.: EL018405275US

Date of deposit: April 5, 2001

I hereby certify that this correspondence is  
being deposited with the United States Postal  
Service's "Express Mail Post Office to  
Addressee" service, under 37 C.F.R. §1.10,  
on the date indicated above and is addressed  
to Box Patent Application, Commissioner for  
Patents, Washington, D.C. 20231.

Name of person depositing paper or fee:  
Ourmazed S. Ojan

Signature: *Ourmazed S. Ojan*

**COVER LETTER AND CERTIFICATE OF MAILING**

Box Patent application  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed and attached hereto are the following:

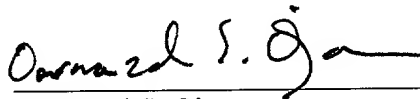
- 1) Cover letter and  
certificate of mailing (in duplicate);
- 2) Patent Application Transmittal Letter (in duplicate);
- 3) Preliminary amendment (8 pages);
- 4) Specification (34 pages);
- 5) Claims (4 pages);
- 6) Abstract (1 page);
- 7) Seven sheets of drawings (in triplicate);
- 8) Executed Declaration and Power of Attorney (3 pages);
- 9) Check in the amount of \$924.00 for the filing fee;
- 10) Information Disclosure Statement (1 page);
- 11) Form PTO-1449 (1 page);

- 12) Copies of two references cited on form PTO-1449;
- 13) Certified copy of Japanese priority document;
- 14) Check in the amount of \$40.00 for the assignment recordation fee;
- 15) Assignment recordation cover sheet;
- 16) Assignment; and
- 17) Paul & Paul postcard to be stamped and returned by the PTO.

No additional fees are believed to be required. In the event that an additional fee is required with respect to this communication, the Commissioner is hereby authorized to charge any additional fees, or credit any overpayment, to Paul & Paul Deposit Account No. 16-0750. This cover letter is submitted in duplicate.

Respectfully Submitted,

Date: April 5, 2001



Ourmazd S. Ojan  
Reg. No. 38,065  
Paul & Paul  
2900 Two Thousand Market Street  
Philadelphia, PA 19103  
(215) 568-4900

Order No.: 0253